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10/562,016	06/14/2006	Masaru Yamaoka	2005_2002A	2959

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CHOKSHI, PINKAL R

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
	10/562,016	YAMAOKA ET AL.
Office Action Summary	Examiner	Art Unit	
	PINKAL CHOKSHI	2425	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS,
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>07 September 2006</u>.

2a)☐ This action is FINAL.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
   closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>10-25</u> is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>10-25</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>23 December 2005</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a)☒ All b)☐ Some * c)☐ None of:

   1.☐ Certified copies of the priority documents have been received.

   2.☐ Certified copies of the priority documents have been received in Application No. _____.

   3.☒ Copies of the certified copies of the priority documents have been received in this National Stage
      application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
   Paper No(s)/Mail Date <u>12/23/2005</u>.

4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____

U.S. Patent and Trademark Office
PTOL-326 (Rev. 08-06)   **Office Action Summary**   Part of Paper No./Mail Date 20080930

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   **Claims 10-16 and 23-25** are rejected under 35 U.S.C. 102(e) as being

anticipated by US PG Pub 2004/0078817 to Horowitz et al (hereafter referenced as

Horowitz).

Regarding **claim 10,** "a program reservation-and-recording apparatus

which records a reserved program in a recording medium" reads on a video

broadcast which is recorded on the device (abstract) disclosed by Horowitz and

represented in Fig. 8.

As to "apparatus comprising: a reservation-information input section which

accepts a reservation for a program by a user" Horowitz discloses (¶0021) that

the viewer selects programs to be recorded on the client device using an input

device such as remote control as represented in Fig. 1.

As to "a reservation-information memory which stores reservation

information which indicates the contents of a reservation for a program" Horowitz

discloses (¶0027) that the viewer's request to record the program is stored in an event programs table of the device as represented in Fig. 3 (element 312).

As to "a recording control section which records the program in the recording medium, based on the reservation information" Horowitz discloses (¶0061) that the processor controls the operations of client device including memory where program contents are being stored as represented in Fig. 8 (element 804).

As to "a program-list acquisition section which makes a request to an information-providing server that is connected via a general-purpose network, and from the information-providing server, acquires a program list on which a program time is described for each program" Horowitz discloses (¶0018) that the transmission application, stored in the memory of client device, requests and receives an updated program schedule information having program data matching to the program data of the request to record the program from the content distribution system via broadcast network as represented in Fig. 6.

As to "a reservation-information update section which updates the reservation information that is stored in the reservation-information memory, based on the acquired program list" Horowitz discloses (¶0028) that the updated EPG data is provided to client device that updates EPG data stored in the client device.

As to "wherein: a time when the program-list acquisition section acquires the program list includes a time immediately before a program-recording start

time which is described in the reservation information" Horowitz discloses

(¶0028) that the device requests and receives updated EPG list before the

beginning of the originally scheduled time program or immediately at the time

that the program is scheduled to begin.

As to "the program reservation-and-recording apparatus does not record

an unreserved program portion before the reserved program, on a basis of the

program list" Horowitz discloses (¶0028, ¶0030, ¶0032) that based on the

updated EPG information received, client device will not record program that was

not requested by the viewer and will only record the program that was requested

by the viewer as represented in Fig. 4.

Regarding **claim 11,** "the program reservation-and-recording apparatus

wherein a time when the program-list acquisition section acquires the program

list further includes a time immediately before a program-recording completion

time which is described in the reservation information" Horowitz discloses

(¶0028) that the device requests and receives updated EPG list before the

ending of the originally scheduled time program or immediately at the time that

the program is scheduled to end.

Regarding **claim 12,** "a program reservation-and-recording apparatus

which records a reserved program in a recording medium" reads on a video

broadcast which is recorded on the device (abstract) disclosed by Horowitz and represented in Fig. 8.

As to "apparatus comprising: a reservation-information input section which accepts a reservation for a program by a user" Horowitz discloses (¶0021) that the viewer selects programs to be recorded on the client device using an input device such as remote control as represented in Fig. 1.

As to "a reservation-information memory which stores reservation information which indicates the contents of a reservation for a program" Horowitz discloses (¶0027) that the viewer's request to record the program is stored in an event programs table of the device as represented in Fig. 3 (element 312).

As to "a recording control section which records the program in the recording medium, based on the reservation information" Horowitz discloses (¶0061) that the processor controls the operations of client device including memory where program contents are being stored as represented in Fig. 8 (element 804).

As to "a program-list acquisition section which makes a request to an information-providing server that is connected via a general-purpose network, and from the information-providing server, acquires a program list on which a program time is described for each program" Horowitz discloses (¶0018) that the transmission application, stored in the memory of client device, requests and receives an updated program schedule information having program data

matching to the program data of the request to record the program from the

content distribution system via broadcast network as represented in Fig. 6.

As to "a reservation-information update section which updates the

reservation information that is stored in the reservation-information memory,

based on the acquired program list" Horowitz discloses (¶0028) that the updated

EPG data is provided to client device that updates EPG data stored in the client

device.

As to "wherein: a time when the program-list acquisition section acquires

the program list includes a time immediately before a program-recording

completion time which is described in the reservation information" Horowitz

discloses (¶0028) that the device requests and receives updated EPG list before

the beginning of the originally scheduled time program or immediately at the time

that the program is scheduled to begin.

As to "the program reservation-and-recording apparatus records an entire

reserved program on a basis of the program list, and erases an unreserved

program portion before the reserved program by the recording control section on

a basis of the program list" Horowitz discloses (¶0028, ¶0030, ¶0032) that based

on the updated EPG information received, client device will only record the

program that was requested by the viewer and will not record program that was

not requested by the viewer such as elements 34 and 36 as represented in Fig.

4. Horowitz further discloses (¶0029) that the viewer requested to record

"SportShowB" at 7 pm. Based on the received updated recording event

schedule, "Newsbreak" will begin at 6:53 and will run until 7:12 and

"SportShowB" is not schedule to start until 7:12 pm. Based on this schedule

changes, client device will change the record start/end timing for "SportShowB"

from 7 pm to 7:12 pm and also removes the unreserved program such as

"Newsbreak" from the recording schedule.

Regarding **claim 13,** A program reservation-and-recording apparatus

which records a reserved program in a recording medium" reads on a video

broadcast which is recorded on the device (abstract) disclosed by Horowitz and

represented in Fig. 8.

As to "apparatus comprising: a reservation-information input section which

accepts a reservation for a program by a user" Horowitz discloses (¶0021) that

the viewer selects programs to be recorded on the client device using an input

device such as remote control as represented in Fig. 1.

As to "a reservation-information memory which stores reservation

information which indicates the contents of a reservation for a program" Horowitz

discloses (¶0027) that the viewer's request to record the program is stored in an

event programs table of the device as represented in Fig. 3 (element 312).

As to "a recording control section which records the program in the

recording medium, based on the reservation information" Horowitz discloses

(¶0061) that the processor controls the operations of client device including

memory where program contents are being stored as represented in Fig. 8

(element 804).

As to "a program-list acquisition section which makes a request to an

information-providing server that is connected via a general-purpose network,

and from the information-providing server, acquires a program list on which a

program time is described for each program Horowitz discloses (¶0018) that the

transmission application, stored in the memory of client device, requests and

receives an updated program schedule information having program data

matching to the program data of the request to record the program from the

content distribution system via broadcast network as represented in Fig. 6.

As to "a reservation-information update section which updates the

reservation information that is stored in the reservation-information memory,

based on the acquired program list" Horowitz discloses (¶0028) that the updated

EPG data is provided to client device that updates EPG data stored in the client

device.

As to "wherein: a time when the program-list acquisition section acquires

the program list includes a time after a program-recording completion time which

is described in the reservation information" Horowitz discloses (¶0028) that the

device requests and receives updated EPG list before the beginning of the

originally scheduled time program or immediately at the time that the program is

scheduled to begin.

As to "the program reservation-and-recording apparatus further comprises: on a basis of the program list acquired at the time after the program-recording completion time where an actual program time and program identification information of each program having already been broadcasted and having completed to be recorded are described in chronological order" Horowitz discloses (¶0032) that the EPG update service provides updated scheduling information about programs to be recorded after schedule end of program in chronological order as represented in Fig. 4.

As to "a program division means that divides the programs having already completed to be recorded, within a recording time for the program whose recording has already been completed, in accordance with the program identification information described in the program list in the chronological order" Horowitz discloses (¶0029, ¶0037) that the programs requested to record by viewer are recorded in order. Horowitz further discloses (¶0030) that the updated recording information will be used to make recordings of requested programs as they are actually broadcast.

As to "an erasure control section which makes a decision, on a basis of the reservation information stored in the reservation-information memory and the program list acquired at the time after the program-recording completion time, whether or not an unreserved program is included within a recording time for the program, and if it is included, erases the unreserved program from the recording medium" Horowitz discloses (¶0028, ¶0030, ¶0032) that based on the updated

EPG information received, client device will only record the program that was requested by the viewer and will not record program that was not requested by the viewer such as elements 34 and 36 as represented in Fig. 4. Horowitz further discloses (¶0029) that the viewer requested to record "SportShowB" at 7 pm. Based on the received updated recording event schedule, "Newsbreak" will begin at 6:53 and will run until 7:12 and "SportShowB" is not schedule to start until 7:12 pm. Based on this schedule changes, client device will change the record start/end timing for "SportShowB" from 7 pm to 7:12 pm and also removes the unreserved program such as "Newsbreak" from the recording schedule.

Regarding **claim 14,** "the program reservation-and-recording apparatus wherein: a time when the program-list acquisition section acquires the program list includes a time when a program reservation is made in the reservation-information input section and a time subsequent to it" Horowitz discloses (¶0031) that the EPG data updates is performed prior to, at the start of, during, and at the end of the originally scheduled recording time.

As to "the program list includes a program identifier for each program which is a code for identifying a program" Horowitz discloses (¶0018) that the EPG includes a program title that identifies a program as represented in Fig. 4.

As to "the reservation-information input section includes a program-identifier extraction section which extracts the program identifier which corresponds to a program for which a reservation is made by the user from the

program list acquired at the time when the program is reserved, and stores it as a

part of the reservation information in the reservation-information memory and the

reservation-information update section compares the program identifier of the

program for which the reservation is made and a program identifier on the

program list acquired after the time when the reservation is made, and retrieves

information on the program list so as to update the reservation information"

Horowitz discloses (¶0018) that the program data includes channel id, program

title, and other information. Based on the request received from client device,

transmission application in the client device matches an updated event schedule

having program data with the program data of the request to record the program

to receive and store updated program event schedule in the device.

Regarding **claim 15,** "the program reservation-and-recording apparatus

wherein: a time when the program-list acquisition section acquires the program

list includes a time when a program reservation is made in the reservation-

information input section and a time subsequent to it" Horowitz discloses (¶0031)

that the EPG data updates is performed prior to, at the start of, during, and at the

end of the originally scheduled recording time.

As to "the program list includes a program identifier for each program

which is a code for identifying a program" Horowitz discloses (¶0018) that the

EPG includes a program title that identifies a program as represented in Fig. 4.

As to "the reservation-information input section includes a program-identifier extraction section which extracts the program identifier which corresponds to a program for which a reservation is made by the user from the program list acquired at the time when the program is reserved, and stores it as a part of the reservation information in the reservation-information memory and the reservation-information update section compares the program identifier of the program for which the reservation is made and a program identifier on the program list acquired after the time when the reservation is made, and retrieves information on the program list so as to update the reservation information" Horowitz discloses (¶0018) that the program data includes channel id, program title, and other information. Based on the request received from client device, transmission application in the client device matches an updated event schedule having program data with the program data of the request to record the program to receive and store updated program event schedule in the device.

Regarding **claim 16,** "the program reservation-and-recording apparatus wherein: a time when the program-list acquisition section acquires the program list includes a time when a program reservation is made in the reservation-information input section and a time subsequent to it" Horowitz discloses (¶0031) that the EPG data updates is performed prior to, at the start of, during, and at the end of the originally scheduled recording time.

As to "the program list includes a program identifier for each program which is a code for identifying a program" Horowitz discloses (¶0018) that the EPG includes a program title that identifies a program as represented in Fig. 4.

As to "the reservation-information input section includes a program-identifier extraction section which extracts the program identifier which corresponds to a program for which a reservation is made by the user from the program list acquired at the time when the program is reserved, and stores it as a part of the reservation information in the reservation-information memory and the reservation-information update section compares the program identifier of the program for which the reservation is made and a program identifier on the program list acquired after the time when the reservation is made, and retrieves information on the program list so as to update the reservation information" Horowitz discloses (¶0018) that the program data includes channel id, program title, and other information. Based on the request received from client device, transmission application in the client device matches an updated event schedule having program data with the program data of the request to record the program to receive and store updated program event schedule in the device.

Regarding **claim 23,** "a program reservation-and-recording system, comprising: a plurality of the program reservation-and-recording apparatuses" Horowitz discloses (¶0040) that the multiple client devices are coupled to the

content distribution system via a broadcast network as represented in Fig. 6 (elements 108n).

As to "an information-providing server which is connected via a general-purpose network to the plurality of program reservation-and-recording apparatuses and sends the program list in response to a request from the plurality of program reservation-and-recording apparatuses" Horowitz discloses (¶0040) that the content distribution system is connected to multiple client device via broadcast network as represented in Fig. 6 (element 106). Horowitz further discloses (¶0043) that the EPG data is transmitted to client devices using broadcast network.

Regarding **claim 24,** "a program reservation-and-recording system comprising: a plurality of the program reservation-and-recording apparatuses" Horowitz discloses (¶0040) that the multiple client devices are coupled to the content distribution system via a broadcast network as represented in Fig. 6 (elements 108n).

As to "an information-providing server which is connected via a general-purpose network to the plurality of program reservation-and-recording apparatuses and sends the program list in response to a request from the plurality of program reservation-and-recording apparatuses" Horowitz discloses (¶0040) that the content distribution system is connected to multiple client device via broadcast network as represented in Fig. 6 (element 106). Horowitz further

discloses (¶0043) that the EPG data is transmitted to client devices using

broadcast network.

Regarding **claim 25,** "a program reservation-and-recording system

comprising: a plurality of the program reservation-and-recording apparatuses"

Horowitz discloses (¶0040) that the multiple client devices are coupled to the

content distribution system via a broadcast network as represented in Fig. 6

(elements 108n).

As to "an information-providing server which is connected via a general-

purpose network to the plurality of program reservation-and-recording

apparatuses and sends the program list in response to a request from the

plurality of program reservation-and-recording apparatuses" Horowitz discloses

(¶0040) that the content distribution system is connected to multiple client device

via broadcast network as represented in Fig. 6 (element 106). Horowitz further

discloses (¶0043) that the EPG data is transmitted to client devices using

broadcast network.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

4.   **Claims 17-19** are rejected under 35 U.S.C. 103(a) as being unpatentable over

Horowitz et al in view of US PG Pub 2005/0204388 to Knudson et al (hereafter

referenced as Knudson).

Regarding **claim 17**, "the program reservation-and-recording apparatus

wherein: a time when the program-list acquisition section acquires the program

list includes a time when a program reservation is made in the reservation-

information input section" Horowitz discloses (¶0029 and ¶0031) that the EPG

data updates is performed prior to, at the start of, during, or at the end of the

originally scheduled recording time by using user input device.

As to "the program list includes a program identifier for each program

which is a code for identifying a program" Horowitz discloses (¶0018) that the

EPG includes a program title that identifies a program as represented in Fig. 4.

Horowitz meets all the limitations of the claim except "the program

identifier includes an identifier for identifying whether or not a corresponding

program is a final one of serial programs." However, Knudson discloses (¶0058)

that the client device is notified about the last episode of the matching requested

program. As to "the reservation update section erases the contents of a periodic

recording reservation for the serial programs from the reservation information

based on the identifier, after a recording of the final program is completed"

Knudson discloses (¶0058) that the reminders will end after the last episode of

the series. Knudson further discloses (¶0067) that the device removes an

existing reminder for the program by updating reservation of a program.

Therefore, it would have been obvious to one of the ordinary skills in the art at

the time of the invention to modify Horowitz system by identifying the last episode

of the program and removing the reminder as taught by Knudson in order to stop

the recording device from recording at the end of the program series (¶0007).

Regarding **claim 18,** "the program reservation-and-recording apparatus

wherein: a time when the program-list acquisition section acquires the program

list includes a time when a program reservation is made in the reservation-

information input section" Horowitz discloses (¶0029 and ¶0031) that the EPG

data updates is performed prior to, at the start of, during, or at the end of the

originally scheduled recording time by using user input device.

As to "the program list includes a program identifier for each program

which is a code for identifying a program" Horowitz discloses (¶0018) that the

EPG includes a program title that identifies a program as represented in Fig. 4.

Horowitz meets all the limitations of the claim except "the program

identifier includes an identifier for identifying whether or not a corresponding

program is a final one of serial programs." However, Knudson discloses (¶0058)

that the client device is notified about the last episode of the matching requested

program. As to "the reservation update section erases the contents of a periodic

recording reservation for the serial programs from the reservation information

based on the identifier, after a recording of the final program is completed"

Knudson discloses (¶0058) that the reminders will end after the last episode of

the series. Knudson further discloses (¶0067) that the device removes an existing reminder for the program by updating reservation of a program. Therefore, it would have been obvious to one of the ordinary skills in the art at the time of the invention to modify Horowitz system by identifying the last episode of the program and removing the reminder as taught by Knudson in order to stop the recording device from recording at the end of the program series (¶0007).

Regarding **claim 19,** "the program reservation-and-recording apparatus wherein: a time when the program-list acquisition section acquires the program list includes a time when a program reservation is made in the reservation-information input section" Horowitz discloses (¶0029 and ¶0031) that the EPG data updates is performed prior to, at the start of, during, or at the end of the originally scheduled recording time by using user input device.

As to "the program list includes a program identifier for each program which is a code for identifying a program" Horowitz discloses (¶0018) that the EPG includes a program title that identifies a program as represented in Fig. 4.

Horowitz meets all the limitations of the claim except "the program identifier includes an identifier for identifying whether or not a corresponding program is a final one of serial programs." However, Knudson discloses (¶0058) that the client device is notified about the last episode of the matching requested program. As to "the reservation update section erases the contents of a periodic recording reservation for the serial programs from the reservation information

based on the identifier, after a recording of the final program is completed"

Knudson discloses (¶0058) that the reminders will end after the last episode of

the series. Knudson further discloses (¶0067) that the device removes an

existing reminder for the program by updating reservation of a program.

Therefore, it would have been obvious to one of the ordinary skills in the art at

the time of the invention to modify Horowitz system by identifying the last episode

of the program and removing the reminder as taught by Knudson in order to stop

the recording device from recording at the end of the program series (¶0007).

5.   **Claims 20-22** are rejected under 35 U.S.C. 103(a) as being unpatentable over

Horowitz et al in view of US PG Pub 2002/0044764 to Akamatsu et al (hereafter

referenced as Akamatsu).

       Regarding **claim 20,** Horowitz meets all the limitations of the claim except

"the program reservation-and-recording apparatus further comprising: an

apparatus-identifier memory which stores an apparatus identifier for identifying

the program reservation-and-recording apparatus itself." However, Akamatsu

discloses (¶0101 and ¶0117) that the reservation data management sections

stores data that includes an ID unique to the client device as represented in Fig.

4 (elements 413, 423). As to "an apparatus-identifier transmission section which

transmits the apparatus identifier to the information-providing server when

communication is executed between the program reservation-and-recording

apparatus itself and the information-providing server" Knudson discloses (¶0116)

that the input device transmits information including device ID required for
preparing reservation data to the reservation section of the main device as
represented in Fig. 4. Therefore, it would have been obvious to one of the
ordinary skills in the art at the time of the invention to modify Horowitz system by
using device ID to transmit/receive updated EPG content as taught by Akamatsu
in order to receive accurate update about the user requested programming.

Regarding **claim 21,** Horowitz meets all the limitations of the claim except
"the program reservation-and-recording apparatus further comprising: an
apparatus-identifier memory which stores an apparatus identifier for identifying
the program reservation-and-recording apparatus itself." However, Akamatsu
discloses (¶0101 and ¶0117) that the reservation data management sections
stores data that includes an ID unique to the client device as represented in Fig.
4 (elements 413, 423). As to "an apparatus-identifier transmission section which
transmits the apparatus identifier to the information-providing server when
communication is executed between the program reservation-and-recording
apparatus itself and the information-providing server" Knudson discloses (¶0116)
that the input device transmits information including device ID required for
preparing reservation data to the reservation section of the main device as
represented in Fig. 4. Therefore, it would have been obvious to one of the
ordinary skills in the art at the time of the invention to modify Horowitz system by

using device ID to transmit/receive updated EPG content as taught by Akamatsu

in order to receive accurate update about the user requested programming.

Regarding **claim 22,** Horowitz meets all the limitations of the claim except

"the program reservation-and-recording apparatus further comprising: an

apparatus-identifier memory which stores an apparatus identifier for identifying

the program reservation-and-recording apparatus itself." However, Akamatsu

discloses (¶0101 and ¶0117) that the reservation data management sections

stores data that includes an ID unique to the client device as represented in Fig.

4 (elements 413, 423). As to "an apparatus-identifier transmission section which

transmits the apparatus identifier to the information-providing server when

communication is executed between the program reservation-and-recording

apparatus itself and the information-providing server" Knudson discloses (¶0116)

that the input device transmits information including device ID required for

preparing reservation data to the reservation section of the main device as

represented in Fig. 4. Therefore, it would have been obvious to one of the

ordinary skills in the art at the time of the invention to modify Horowitz system by

using device ID to transmit/receive updated EPG content as taught by Akamatsu

in order to receive accurate update about the user requested programming.

Conclusion

6.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

- US PG Pub 2002/0184633 to Okajima discloses a recorder comprising a

  preselection functioning of automatically recording the preselected content.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to PINKAL CHOKSHI whose telephone number is (571)

270-3317. The examiner can normally be reached on Monday-Friday 8 - 5 pm (Alt.

Friday off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Brian Pendleton can be reached on 571-272-7527. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

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